

IN THE CLAIMS

Please amend the claims as follows:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Currently Amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising being stored on a recordable medium and including instructions for:

receiving an event from the distributed directory into an XML ~~generator~~ generator,
the distributed directory including a reference to at least one resource on one of at least two computers on the computer network;

converting the event into XML data representing the event;

transforming the XML data representing the event to a first predetermined ~~formed~~
format by a transformation processor using a first stylesheet, the first predetermined format
being responsive to a first application running in the computer network;

transmitting the transformed XML data representing the event to the first application;

transforming the XML data representing the event to a second predetermined format
by the transformation processor using a second stylesheet, the second predetermined format
being responsive to a second application running in the computer network; and

transmitting the transformed XML data representing the ~~second~~ event to the second
application.

8. (Canceled)

9. (Previously Presented) The software program of claim 7 further comprising instructions for:

receiving updates to the first stylesheet responsive to any changes in either the distributed directory or the first application.

10. (Canceled)

11. (Previously Presented) The software program of claim 7 further comprising instructions for:

detecting the event through notification from an event handler of the distributed directory.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Currently Amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising instructions for:

receiving a first event from a first application in a first native application format;

converting the first event into markup language data;

transforming the first event to a predetermined format by a transformation processor using a transformation profile, the predetermined format being responsive to the distributed directory, the transformation profile including formatting instructions for transforming the markup language data to the predetermined format; format, the distributed directory including a reference to at least one resource on one of at least two computers on the computer network;

transmitting the transformed first event to the distributed directory;

receiving a second event from a second application in a second native application format;

converting the second event into markup language data;

transforming the second event to the predetermined format by the transformation processor using the transformation profile; and

transmitting the transformed second event to the distributed directory.

16. (Canceled)

17. (Canceled)

18. (Previously Presented) A distributed computer system comprising:
a first processor connected to a network for executing computer code;
a second processor connected to the network for executing computer code;
a first memory connected to the first processor;
a second memory connected to the second processor;
a distributed directory, wherein first and second portions of the distributed directory are stored in the first memory and the second memory, respectively;
a first application, a portion of which being stored in one of the first memory and the second memory;
a second application, a portion of which being stored in one of the first memory and the second memory;
a first transformation profile defining a first predetermined format for use by the first application;
a second transformation profile defining a second predetermined format for use by the second application;
software for detecting a directory event in the distributed directory;
software for transforming the directory event to the first predetermined format by using a generic transformation tool and the first transformation profile;
software for transforming the directory event to the second predetermined format by using the generic transformation tool and the second transformation profile;
software for providing to the first application the directory event transformed to the first predetermined format; and
software for providing to the second application the directory event transformed to the second predetermined format.

19. (Previously Presented) The system of claim 18 further comprising:
software for converting the directory event to a generic data description before transforming the directory event.

20. (Previously Presented) The system of claim 18 further comprising:
an application shim for the first application to receive the transformed directory event
and provide the directory event to the first application by using a first native application
program interface for the first application.

21. (Canceled)

22. (Previously Presented) The system of claim 18 wherein the generic
transformation tool utilizes a markup language and the software for transforming the
directory event utilizes a transformation processor.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (Currently Amended) The software program of claim 7 wherein:
transmitting the transformed XML data representing the first event to the first
application includes transmitting the transformed XML data representing the event to the first
application through a first application shim to provide the transformed XML data
representing the second event to the first application by using a first native application
program interface for the first application; and

transmitting the transformed XML data representing the second event to the second
application includes transmitting the transformed XML data representing the event to the
second application through a second application shim to provide the transformed XML data
representing the event to the second application by using a second native application program
interface for the second application.

27. (Previously Presented) The software program of claim 7 wherein the
first predetermined format and the second predetermined format are the same predetermined
format.

28. (Canceled)

29. (Previously Presented) The system of claim 18 further comprising:
a directory transformation profile defining a directory predetermined format for use by the distributed directory;
software for detecting an application event in the first application;
software for transforming the application event to the directory predetermined format by using the generic transformation tool and the directory transformation profile; and
software for providing the transformed application event to the distributed directory.

30. (Previously Presented) The system of claim 29 further comprising:
software for detecting a second application event in the second application;
software for transforming the second application event to the directory predetermined format by using the generic transformation tool and the directory transformation profile; and
software for providing the transformed second application event to the distributed directory.

31. (Previously Presented) The system of claim 20 further comprising:
a second application shim for the second application to receive the transformed directory event and provide the directory event to the second application by using a second native application program interface for the second application.

32. (Currently Amended) A method for interfacing with a distributed directory in a computing system, comprising:
providing a first transformation profile defining a first predetermined format for use by a first application;
providing a second transformation profile defining a second predetermined format for use by a second application;
detecting an event in the ~~directory~~, distributed directory, the distributed directory including a reference to at least one resource on one of at least two computers on the computer network;
transforming the event to the first predetermined format by using a transformation tool and the first transformation profile;

transforming the event to the second predetermined format by using the transformation tool and the second transformation profile;

providing to the first application the event transformed to the first predetermined format; and

providing to the second application the event transformed to the second predetermined format.

33. (Previously Presented) The method of claim 32 further comprising the step of:

converting the event to a generic data description before transforming the event to the first predetermined format and the second predetermined format.

34. (Previously Presented) The method of claim 32 further comprising the step of:

providing an application shim for the first application to receive the event transformed to the first predetermined format and to provide the event to the first application by using a native application program interface for the first application.

35. (Previously Presented) The method of claim 34 further comprising the step of:

updating the application shim and the first transformation profile responsive to changes in the first application.

36. (Currently Amended) The method of claim 34 further comprising the step of:
providing a second application shim for the ~~first-second~~ application to receive the event transformed to the second predetermined format and to provide the event to the second application by using a second native application program interface for the second application.

37. (Previously Presented) The method of claim 36 further comprising the step of:

updating the second application shim and the second transformation profile responsive to changes in the second application.

38. (Previously Presented) The method of claim 32 wherein the transformation profile includes a stylesheet.

39. (Currently Amended) The method of claim 32 wherein the transformation profile is stored in the distributed directory.

40. (Currently Amended) A driver infrastructure for interfacing a distributed directory and applications comprising:

a generator to receive a directory event from the distributed directory and to generate a generic data for the directory ~~event~~; event, the distributed directory including a reference to at least one resource on one of at least two computers on a computer network;

a first transformation profile defining a first predetermined format for use by a first application;

a second transformation profile defining a second predetermined format for use by a second application;

a transformation processor to transform the generic data for the directory event into a first application data for the first application using the first transformation profile and to transform the generic data for the directory event into a second application data for the second application using the second transformation profile; and

a transmitter to transmit the first application data to the first application and to transmit the second application data to the second application.

41. (Previously Presented) A driver infrastructure according to claim 40 wherein:

the driver infrastructure further comprises a second generator to receive an application event from the first application and to generate a second generic data for the application event;

the transformation processor is operative to transform the second generic data for the application event into a directory data; and

the driver infrastructure further comprises a receiver to receive the directory data in the directory.